

ROOM EXPANSION SYSTEM

ABSTRACT

The slide-out mechanisms described herein are generally composed of two components. More specifically, the slide-out mechanism includes at least one elongated member, also referred to as a ram, which is coupled to the floor of a movable room. This elongated member moves with the extendable portion of a movable room. Additionally, the slide-out mechanism includes a base that is coupled to the coach floor and contains a motive device for extending and retracting the movable room accessible from the inside of the slide-out room. According to various embodiments disclosed herein, the motive device may be a hydraulic, pneumatic, or electrical motor. Alternatively, the motive force may be a crank that may be manually actuated to extend and retract the slideout room.